

FIDO® X3

HANDHELD TRACE EXPLOSIVE DETECTOR
BROAD THREAT DETECTION IN A 3 LB (1.4KG)
PACKAGE.



APPLICATIONS

AVIATION SECURITY-ECAC CERTIFIED

MILITARY CHECKPOINT SCREENING

CIVIL SUPPORT

MASS TRANSIT SECURITY

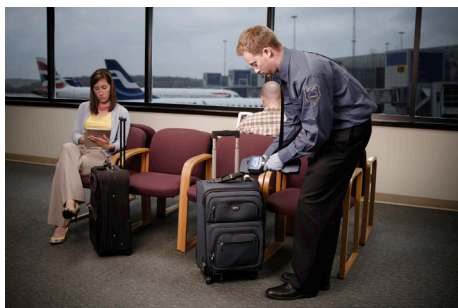
FIRST RESPONSE

BOTTLED LIQUID SCREENING

COMMERCIAL PROPERTY SCREENING

PERSONNEL SCREENING

HIGH VALUE TARGET SECURITY



BENEFITS

Broad Threat Detection- responds to military, traditional, homemade and liquid explosive threats

ASTM™ E2520 and ECAC Liquid Explosive Detection System (LEDS) Third Party Certifications

Vivid-Color-Screen with selectable multiple language capability

Class-based Identification- Can readily identify threat materials by class

Lightweight- Under 1.4 kg

Rugged- MIL-STD-810G tested to survive the toughest environments

Long Lasting- User replaceable 8 hour battery

Easy to Use- Simplified Go/No Go interface

New Smart Algorithm- Reduced false alarms and increased screening throughput

OVERVIEW

Building on the success of the thousands of Fido detectors fielded in U.S. Airports and Military installations, the Fido X3 was designed with today's detection challenges in mind. With its magnesium case and splash-proof seal, the Fido's ruggedized design meets rigorous MIL-STD 810G specifications. The Fido X3 has an 8 hour battery, starts from cold in under 5 minutes, and clears in seconds. With the new advanced algorithm, you spend less time waiting and more time sampling.

Adding to the capabilities of the field-proven Fido NXT, the Fido X3 broadens threat detection including ammonium nitrate, TATP, and liquid threats like hydrogen peroxide and nitromethane. With FLIR's patented Sensing Element technology, the detection channels can be controlled to alert on the threat materials you care most about. As new threats emerge, the Fido X3 can be upgraded in the field to incorporate new detection chemistries that are specifically designed to detect the new threats.

The Fido X3 offers class based threat identification to aid in targeted screening operations. The system can screen liquids, solids or vapors within seconds, without calibration or waiting to adjust system configurations or temperatures. The Fido X3 comes equipped with an advanced swipe material for detection of particulates.

The Fido X3 comes standard with a brilliant sunlight readable color display and a red light/green light user interface. FLIR has also added localization for many regions, so the end-user can operate the system in their native language.

Whatever the application, the Fido X3 provides security professionals with greatly enhanced security while minimizing impact on day-to-day operations.



FIDO® X3

SPECIFICATIONS

Description:	Handheld Explosive Trace Detector
Detection Technology:	FLIR Sensing Element Technology * Fluorescence based (Multi-channel) * No radioactive source
Sampling:	Particulate and Vapor detection
Start-up Time:	Under 5 minutes from cold Under 10 seconds from sleep
Display:	Vivid, sunlight-readable color display (32K Colors)
Alert Modes:	Visible, Audible, and Haptic (Vibration) Alert
Localization:	Native language availability and worldwide, world-class training
Analysis Time:	10 seconds or less with exclusive real-time detection capability
User Levels:	Operator, Administrator
Starter Kit Options:	Military, Commercial
Power:	Swappable Lithium Ion battery X 2 (up to 8 hour life per battery) AC Input: 100 to 240 V, 50 to 60 Hz wall adapter (supplied) System charges battery while running on AC power Auxiliary Battery adapter (supplied)
Data Storage:	2000 hours of continuous data logging
Weight:	1.36kg including battery
Dimensions:	37L x 11.5W x 7H (cm) 14.5L x 4.5W x 2.75H (in)



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